





LUX	Luxembourg	1	1	1	1	1	1	1	1	1	1	1	1	1	13
MDR	Madeira		1			1	1	1	1		1	1	1		8
MKD	Macedonia	1	1	1	1	1		1			1	1		1	9
MLT	Malta	1	1	1	1	1		1			1	1	1	1	10
MNE	Montenegro (Yugoslavia)		1	1	1	1		1	1		1	1	1	1	10
MNG	Mongolia					1									1
MRC	Morocco		1			1	1	1	1	1	1	1	1		9
NGR	Niger		1			1		1			1	1			5
NIR	Northern Ireland		1	1		1	1	1		1	1	1	1	1	10
NOR	Norway	1	1	1	1	1	1	1	1	1	1	1	1	1	13
ORK	Orkney Islands		1				1			1		1	1		5
PAK	Pakistan		1			1		1			1			1	5
POL	Poland	1	1	1	1	1	1	1	1	1	1	1	1	1	13
POR	Portugal		1			1	1			1	1	1	1		7
PTR	Puerto Rico, PR		1			1	1	1	1	1	1	1	1		9
ROU	Romania	1	1	1	1	1	1	1	1	1	1	1	1	1	13
RSE	Russia (Eastern)		1			1		1			1	1		1	7
RUS	Russia (European)		1	1	1	1	1	1	1	1	1	1	1	1	12
SAR	Sardinia		1			1		1				1			4
SCT	Scotland		1	1	1	1	1	1	1	1	1	1	1	1	12
SCY	Sicily		1	1	1	1		1	1	1	1	1			9
SHE	Shetland Islands		1			1	1	1			1	1	1	1	9
SRB	Serbia (Yugoslavia)	1	1	1	1	1	1	1	1	1	1	1	1	1	13
SUI	Switzerland	1	1	1	1	1	1	1	1		1	1	1	1	12
SVB	Svalbard					1								1	2
SVK	Slovakia	1	1	1	1	1	1	1		1	1	1	1	1	12
SVN	Slovenia	1	1	1	1	1	1	1	1	1	1	1	1		12
SWE	Sweden	1	1	1	1	1	1	1	1	1	1	1	1	1	13
SYR	Syria		1			1									3
TJK	Tajikistan					1									1
TKM	Turkmenistan		1			1								1	3
TRD	Trinidad & Tobago					1						1			2
TUN	Tunisia		1			1		1			1	1			5
TUR	Turkey	1	1	1	1	1		1			1	1		1	9
TWN	Taiwan					1		1							2
UGA	Uganda					1									1
UKR	Ukraine	1	1	1	1	1	1	1			1	1		1	10
UZB	Uzbekistan					1								1	2
VOI	Volcano Islands / Iwo Jima (JPN)					1									1
WLS	Wales		1	1	1	1	1	1		1	1	1			10
XOE	Int Waters: Europe		1	1	1	1	1	1			1	1	1	1	10
Cou	Cou-Name	CZE lk	CZE ms	CZE my	CZE ze	DEU hw	ENG bk	ENG nw	ENG px	ENG re	ENG yk	HOL rb	SCT ds	SWE bb	

## LISTENING TIMES:

This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	CZE lk	CZE ms	CZE my	CZE ze	DEU hw	ENG bk	ENG nw	ENG px	ENG re	ENG yk	HOL rb	SCT ds	SWE bb
00:00 - 00:59			2	3	1	1	5		2	52	13	9	
01:00 - 01:59		43				4					7	4	
02:00 - 02:59			2							4	5		
03:00 - 03:59							1				5	1	
04:00 - 04:59			2				1						
05:00 - 05:59													
06:00 - 06:59													
07:00 - 07:59													
08:00 - 08:59													
09:00 - 09:59													
10:00 - 10:59											1		
11:00 - 11:59					11	8							
12:00 - 12:59							14			12		7	
13:00 - 13:59											1		
14:00 - 14:59													
15:00 - 15:59		1			6				3				
16:00 - 16:59		7	5		11		36		5				
17:00 - 17:59		3	6	3	2	9	2		2	3			52
18:00 - 18:59	21	6	6	3	19	10		3	6		1		
19:00 - 19:59	6	2	7		3	6		7	8				
20:00 - 20:59		2	11	20	19	7		8	11				
21:00 - 21:59		6	9	12	10	5		7	3		8		
22:00 - 22:59		2		6		3		14	4		22	13	
23:00 - 23:59				5	5	1	15	3			9	20	
UTC (hh)	CZE lk	CZE ms	CZE my	CZE ze	DEU hw	ENG bk	ENG nw	ENG px	ENG re	ENG yk	HOL rb	SCT ds	SWE bb
<b>NDBs:</b>	27	72	48	52	87	54	74	42	44	71	72	54	52

## BEACONS HEARD

Beacons are shown in kHz order within each country

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged. (e.g. 01 indicates logged between 01:00-01:59 UTC).

Cou, S/P	QRG	ID	Name	CZE lk	CZE ms	CZE my	CZE ze	DEU hw	ENG bk	ENG nw	ENG px	ENG re	ENG yk	HOL rb	SCT ds	SWE bb
AFS	427.5	OB	Overberg					21								
AGL	258.0	LU	Luanda /4 de Fevereiro					20								
ALG	304.0	MOK	Bordj Mokhtar		02											
ALG	407.0	BCR	Bechar				00		22						22	
ALG	432.0	HMB	Hammam Bou Hadjar for Oran									00				
ALG	435.0	IGZ	In Guezzam					18					00	23		
ALG	510.0	BL	Blida							16						17
ALS, AK	376.0	PVQ	Put River Deadhorse					21		01			03	02		
ATG	369.0	ZDX	Coolidge Saint Johns		02			23		23			00	02		
AUT	290.0	GRZ	Graz	18	02			11					00			
AUT	327.0	LNZ	Linz / Horsching								19	18				
AUT	374.0	KFT	Klagenfurt			20			17					00	22	
AUT	408.0	BRK	Wien / Schwechat / Bruck													
AUT	410.0	SI	Salzburg				21									
AUT	418.0	ZW	Zeltweg													17
AUT	426.0	GBG	Gleichenberg for Graz							16						
AZR	331.0	SC	Santa Cruz Das Flores					20					00	00		
AZR	351.0	PD	Ponta Delgada							23						
AZR	360.0	HT	Horta / Faial Island		02											
AZR	380.0	FIL	Horta / Faial Island						20		22				22	
BAL	344.0	MN	Menorca		02								00	00		
BAL	384.0	ADX	Andraitx for Palma de Mallorca				20	18	20	01	22	20			22	17
BAL	394.0	IZA	Ibiza			21										
BEL	290.0	ONL	Liege / Bierset								19					
BEL	293.0	OB	Brussels National		02							16				
BEL	314.0	OZ	Brussels National							12						
BEL	355.0	ONW	Antwerpen / Deurne	18			20									
BEL	360.5	MAK	Mackel for Brussels Ntl			20		11					12			17
BEL	375.0	OO	Oostende												22	
BEL	386.5	SLV	Spa / La Sauveniére											01		
BEL	402.0	OP	Brussels National						11							
BIH	340.0	BLK	Banja Luka			17			22			19			00	
BIH	370.0	GAC	Gacko					18		16						17
BIH	425.0	DNC	Mostar	19			20						00	22		
BIH	445.0	TU	Tuzla		16											
BLR	524.0	UU	Vitebsk / Vostochny		15											
BLR	985.0	BY	Brest					16								
BRI	316.0	BJO	Bjornoya / Bear Isl					16		04				22		17
BUL	284.0	GNA	Gorna						17		22				00	
BUL	312.0	BOZ	Bozhurishte	18									00			
BUL	321.0	BU	Burgas					16						01		









HRV	422.0	OSJ	Osijek					15												
HRV	429.0	LOS	Losinj										20							
HRV	433.0	CRE	Cres						18										22	
IOM	359.0	RWY	Isle Of Man / Ronaldsway		02	01		20	18	16		15	00	03	12					
IRL	316.0	OE	Dublin				22					16								
IRL	334.0	GMN	Gormanston									19								
IRL	339.0	OL	Shannon		02			20												
IRL	361.0	CFN	Donegal / Carrickfin											22						
IRL	368.0	WTD	Waterford			01							00							
IRL	378.0	KLY	Killiney for Dublin						18	12										12
IRL	387.0	CML	Clonmel																	
IRN	260.0	RAF	Rafsanjan									20								
IRN	276.0	JIR	Jiroft					18												
IRN	325.0	KLH	Kalaleh																	17
IRN	355.0	ARB	Ardabil			19			17			19								
IRN	362.0	DNZ	Dasht-e-Naz / Sari				20							23						
IRN	385.0	MSD	Mashhad										00							
IRN	405.0	BRN	Birjand		21															
IRN	450.0	PAD	Parsabade / Moghan							16										
ISL	325.0	RH	Reykholt											22						
ISL	330.0	HN	Hornafjordur										00							
ISL	340.0	GJ	Gjogur							01										
ISL	348.0	HA	Vopnafjordhur / Hofsa		02															17
ISL	373.0	TN	Thorshofn																22	
ISL	375.0	VM	Vestmannaeyar				22		20		23	22								
ISL	385.0	IS	Isafjordhur					20												
ITA	292.0	NOV	Novara (NO)		02															
ITA	331.0	GRT	Grottaglie (TA)					18						22						
ITA	333.5	VOG	Voghera (PV)	18					18											
ITA	343.0	GRA	Grazzanise (CE)			17														
ITA	345.0	TZO	Trezzo sull"Adda (MI)				20													17
ITA	371.0	LEV	Savigliano / Levaldigi (CN)																	
ITA	376.5	ORI	Orio al Serio (BG)									21								
ITA	379.0	PIS	Pisa (PI)										00							
ITA	386.0	LNE	Milano / Linate (MI)							16										
ITA	425.0	MMP	Gallarate / Malpensa (VA)									20								22
JOR	399.0	MDB	Amman / Queen Alia Intl / Madaba		21			17												
JSY	329.0	JW	Jersey					20	11	12		15	12	10	23					
KAL	410.0	K	Kaliningrad / Khrabrovo										00	00						
KAL	458.0	LP	Chernyakhovsk							16										17
KAL	489.0	OI	Donskoye				18													
KAL	840.0	KR	Kaliningrad / Khrabovo		16	21		15	21											
LBY	317.0	KFR	Kufra					18						01						







<b>SWE</b>	360.0	OP	Kiruna					20						22		
<b>SWE</b>	402.0	TH	Torsby												22	
<b>SWE</b>	417.0	AH	Angelholm / Barkakra						19	12						
<b>SWE</b>	419.0	RD	Vasteras / Hasslo				21									
<b>SYR</b>	312.5	KML	Kamishly		21											
<b>SYR</b>	396.0	ALE	Aleppo				21	18								
<b>TJK</b>	475.0	JD	Fayzabad					16								
<b>TKM</b>	322.0	RP	Dashoguz		22											
<b>TKM</b>	439.0	MR	Mary					18								
<b>TKM</b>	662.0	R	Dashoguz													17
<b>TRD</b>	323.0	TAB	Crown Point					23						01		
<b>TUN</b>	375.0	ZN	Tozeur / Nefta		02			18		23			00	23		
<b>TUR</b>	363.0	CIG	Izmir / Cigli / Kaklic	18			20			16			00			
<b>TUR</b>	390.0	KNY	Konya		22											
<b>TUR</b>	411.0	RNA	Sirnak					17								
<b>TUR</b>	433.0	CRD	Cardak / Denizli											22		
<b>TUR</b>	480.0	CLD	Aydin / Cildir				20									
<b>TUR</b>	487.0	BEY	Beypazari													17
<b>TWN</b>	525.0	KU	Min-Hsiung					16		16						
<b>UGA</b>	323.0	SO	Soroti					21								
<b>UKR</b>	334.0	VI	Verchnie Vysotske	18			19						00			
<b>UKR</b>	335.0	DR	Dnipropetrovsk													
<b>UKR</b>	362.0	RU	Sevastopol - Belbek													17
<b>UKR</b>	445.0	WS	Starokonstantinov						17							
<b>UKR</b>	455.0	UH	Chuguyev							16						
<b>UKR</b>	690.0	DM	Dmytrivka											23		
<b>UKR</b>	690.0	SR	Seredne		18											
<b>UKR</b>	735.0	R	Belbek					15								
<b>UZB</b>	390.0	U	Bukhara					19								
<b>UZB</b>	983.0	NU	Urgench													17
<b>VOI</b>	360.0	OX	Iwo Jima					16								
<b>WLS</b>	323.0	WPL	Welshpool						11	12						
<b>WLS</b>	340.0	HAW	Hawarden		02								00		12	
<b>WLS</b>	388.5	CDF	Cardiff				20	20				15		21		
<b>XOE</b>	340.0	HEI	Heidrun				19									
<b>XOE</b>	375.0	EKO	Ekofisk L						21				12		22	
<b>XOE</b>	394.0	BCE	BP / Bruce Alpha		02											
<b>XOE</b>	433.0	VNS	Castor UGS				21									
<b>XOE</b>	450.0	SD	Shah Deniz					19								
<b>XOE</b>	485.0	CHG	Chirag 1 / BP AGT							23						
<b>XOE</b>	544.0	LF8S	Eldfisk 2/7 S											13		
<b>Cou, S/P</b>	<b>QRG</b>	<b>ID</b>	<b>Name</b>	<b>CZE</b>	<b>CZE</b>	<b>CZE</b>	<b>CZE</b>	<b>DEU</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>HOL</b>	<b>SCT</b>	<b>SWE</b>
				<b>lk</b>	<b>ms</b>	<b>my</b>	<b>ze</b>	<b>hw</b>	<b>bk</b>	<b>nw</b>	<b>px</b>	<b>re</b>	<b>yk</b>	<b>rb</b>	<b>ds</b>	<b>bb</b>

### NDB COUNTS, BY FREQUENCY:

and the number logged by all on each frequency, ignoring offsets:

NDBs	QRG	CZE lk	CZE ms	CZE my	CZE ze	DEU hw	ENG bk	ENG nw	ENG px	ENG re	ENG yk	HOL rb	SCT ds	SWE bb	NDBs
1	211.0					1									1
1	212.0					1									1
2	256.0					1								1	2
1	258.0					1									1
1	260.0								1						1
1	263.0					1	1	1	1	1	1	1	1		1
1	265.0		1						1					1	1
1	267.5												1		1
1	274.0					1					1	1			1
1	275.0		1						1						1
2	276.0		1			1	1		1				1		2
1	277.0		1						1		1				1
2	280.0		2			1	1	1	1		1				2
1	281.0												1		1
1	282.0						1								1
2	284.0		1				1		1				1		2
1	285.0		1												1
3	290.0	1	1			1			1		2				3
1	291.0		1												1
1	292.0		1												1
2	293.0		2			1		1		1	1	1			2
1	295.0		1	1	1						1				1
1	296.0		1												1
1	297.0					1						1			1
1	298.0					1					1				1
1	299.5		1						1						1
2	300.0	1	1			1		1							2
2	304.0		1											1	2
1	305.0						1	1				1			1
1	307.0		1	1					1		1		1	1	1
1	308.0			1	1				1		1		1		1
3	309.0	2									1				3
1	311.0								1	1	1				1







2	397.0			1						2			2		
2	399.0		1	1	1								2		
2	400.0				1		1						2		
1	400.5												1		
4	401.0		1	1	1								4		
2	402.0												2		
1	403.0			1		1			1			1	1		
4	404.0					1	1	1	1			1	4		
1	404.5							1				1	1		
3	405.0		1									1	3		
1	406.5						1						1		
4	407.0				2		1	1	1		1	2	2	1	4
1	408.0						1						1	1	1
4	410.0				1		1				1	1	1	1	4
1	411.0					1								1	1
2	412.0	1	1				1			1		1	1	2	2
3	414.0			1		2								3	3
2	416.0				1		1							2	2
2	417.0						1	1				1		2	2
3	418.0				1					1			2	3	3
1	419.0				1									1	1
2	420.0		1	1		1	1	2		1		1	1	1	2
1	421.0									1				1	1
2	422.0					1				1				2	2
1	423.0	1			1									1	1
4	425.0	1			2		1			2	1	2	2		4
1	426.0							1							1
1	427.5					1								1	1
2	429.0									1				1	2
1	430.0													1	1
1	431.0						1							1	1
5	432.0	1				1		2		2				2	5
4	433.0				1	1						2	1		4
1	433.5							1							1
1	434.0			1								1			1
3	435.0					2					1	2			3
2	436.0						1	1	1			1			2
2	438.0							1		1					2
1	439.0					1									1
1	444.0								1	1					1
2	445.0		1				1					1			2
3	450.0		1			1									3
1	455.0							1							1



<b>NDBs</b>	<b>QRG</b>	<b>CZE</b> lk	<b>CZE</b> ms	<b>CZE</b> my	<b>CZE</b> ze	<b>DEU</b> hw	<b>ENG</b> bk	<b>ENG</b> nw	<b>ENG</b> px	<b>ENG</b> re	<b>ENG</b> yk	<b>HOL</b> rb	<b>SCT</b> ds	<b>SWE</b> bb	<b>NDBs</b>
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**MOB:** The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

QRG	ID	Name	S/P	ITU	Rptr	UTC
256.0	YCY	Clyde River	NU	CAN	<b>bb</b>	1718
1025.0	G	Saransk		RUS	<b>bb</b>	1718
304.0	ISD	Svalbard / Longyear / Isfjord		SVB	<b>bb</b>	1718
324.0	AS	Kemi / Tornio		FIN	<b>bb</b>	1718
325.0	KLH	Kalaleh		IRN	<b>bb</b>	1718
326.0	KG	Kramfors / Bjartra		SWE	<b>bb</b>	1718
327.0	MVC	Merville / Calonne		FRA	<b>bb</b>	1718
330.0	OB	Bratislava / M.R Stefanik / South		SVK	<b>bb</b>	1718
345.0	TZO	Trezzo sull"Adda (MI)		ITA	<b>bb</b>	1718
362.0	RU	Sevastopol - Belbek		UKR	<b>bb</b>	1718
375.0	CV	Calvi / Ste Catherine		COR	<b>bb</b>	1718
386.0	HK	Hasvik		NOR	<b>bb</b>	1718
405.0	GRW	Grafenwohr		DEU	<b>bb</b>	1718
418.0	ZW	Zeltweg		AUT	<b>bb</b>	1718
429.0	B	Brno / Turany / Borek		CZE	<b>bb</b>	1718
487.0	BEY	Beypazari		TUR	<b>bb</b>	1718
495.0	PA	Pancevo		SRB	<b>bb</b>	1718
615.0	L	Nyagan		RSE	<b>bb</b>	1718
662.0	R	Dashoguz		TKM	<b>bb</b>	1718
983.0	NU	Urgench		UZB	<b>bb</b>	1718
282.0	NSR	Casablanca / Mohamed V		MRC	<b>bk</b>	2052
353.0	KIL	Kiel / Holtenau		DEU	<b>bk</b>	1859
388.0	LOU	Metz / Nancy-Lorraine - Louvigny		FRA	<b>bk</b>	1143
395.0	OA	Amsterdam / Schiphol / Assendelft		HOL	<b>bk</b>	1117
402.0	OP	Brussels National		BEL	<b>bk</b>	1125
404.0	Y	Kemi-Tornio / Ketolanpera		FIN	<b>bk</b>	1742
410.0	C	La Coruna		ESP	<b>bk</b>	1938
416.0	POZ	Beograd / Pozarevac		SRB	<b>bk</b>	1821
431.0	SAY	Stornoway		SCT	<b>bk</b>	1919
436.0	S	Darlowo		POL	<b>bk</b>	1748
445.0	WS	Starokonstantinov		UKR	<b>bk</b>	1726
480.0	AP	Anapa / Vityazevo		RUS	<b>bk</b>	1752
850.0	CIT	Cranfield		ENG	<b>bk</b>	1112
281.0	CA	Cartwright	NL	CAN	<b>ds</b>	0948

267.5	OPW	Bucuresti / Otopeni	ROU	<b>ds</b>	0008
349.5	SZA	Solenzara	COR	<b>ds</b>	0013
355.0	PIK	Prestwick	SCT	<b>ds</b>	1236
373.0	TN	Thorshofn	ISL	<b>ds</b>	2246
375.0	OO	Oostende	BEL	<b>ds</b>	2238
383.0	ALD	Alderney	GSY	<b>ds</b>	2349
388.0	PZ	Portoroz	SVN	<b>ds</b>	0031
400.5	EJ	Esbjerg	DNK	<b>ds</b>	2307
401.0	COA	La Coruna	ESP	<b>ds</b>	2231
402.0	TH	Torsby	SWE	<b>ds</b>	2255
404.0	AGO	Angouleme / Brie Champniers	FRA	<b>ds</b>	2258
405.0	JST	Nis / Justic	SRB	<b>ds</b>	2301
410.0	SF	Cherusti	RUS	<b>ds</b>	2316
412.0	FS	Sliac	SVK	<b>ds</b>	2305
417.0	LI	Dusseldorf	DEU	<b>ds</b>	2229
211.0	NA	Tbilisi / Lochini	GEO	<b>hw</b>	2106
212.0	FA	Faisalabad	PAK	<b>hw</b>	1816
256.0	BSE	Baneasa Southeast	ROU	<b>hw</b>	1603
258.0	LU	Luanda /4 de Fevereiro	AGL	<b>hw</b>	2030
276.0	JIR	Jiroft	IRN	<b>hw</b>	1816
323.0	SO	Soroti	UGA	<b>hw</b>	2103
337.0	LHR	Lahr / Schwarzwald	DEU	<b>hw</b>	1110
341.0	BZ	Biarritz / Bayonne / Anglet	FRA	<b>hw</b>	2000
360.0	OX	Iwo Jima	VOI	<b>hw</b>	1149
370.0	NET	Pruszcz Gdanski	POL	<b>hw</b>	1100
378.0	HTK	Sorkjosen / Hestvik	NOR	<b>hw</b>	2000
385.0	IS	Isafjordhur	ISL	<b>hw</b>	2000
390.0	U	Bukhara	UZB	<b>hw</b>	1956
400.0	BC	Bekescsaba	HNG	<b>hw</b>	1546
401.0	MKO	Mikonos	GRC	<b>hw</b>	2103
411.0	RNA	Sirnak	TUR	<b>hw</b>	1726
414.0	FC	Fujiazhuang	CHN	<b>hw</b>	1940
414.0	NYA	Ny-Alesund	SVB	<b>hw</b>	2000
422.0	OSJ	Osijek	HRV	<b>hw</b>	1546
427.5	OB	Overberg	AFS	<b>hw</b>	2103
432.0	AKU	Ivalo / Akujarvi	FIN	<b>hw</b>	1603
439.0	MR	Mary	TKM	<b>hw</b>	1816
450.0	SD	Shah Deniz	XOE	<b>hw</b>	1956
475.0	JD	Fayzabad	TJK	<b>hw</b>	1653
518.0	DG	Chita / Kadala	RSE	<b>hw</b>	1653
520.0	DA	Ulanbataar	MNG	<b>hw</b>	1636
680.0	L	Ulyanovsk / Vostochny	RUS	<b>hw</b>	1554
735.0	R	Belbek	UKR	<b>hw</b>	1554

985.0	BY	Brest	BLR	hw	1631
309.0	DO	Dole / Tavaux	FRA	lk	1812
309.0	MW	Berlin / Schonefeld	DEU	lk	1815
317.0	OZ	Kardla	EST	lk	1817
351.5	PLA	Pula	HRV	lk	1830
360.0	O	Oradea	ROU	lk	1825
1285.0	SW	Savelovo	RUS	ms	1642
280.0	ND	Swidwin	POL	ms	0200
284.0	FSB	Fassberg	DEU	ms	0200
285.0	LCF	Linkoping / Malmen	SWE	ms	0200
291.0	WS	Grenoble / St Geoirs	FRA	ms	0200
292.0	NOV	Novara (NO)	ITA	ms	0200
296.0	MG	Ljubljana	SVN	ms	0200
304.0	MOK	Bordj Mokhtar	ALG	ms	0200
312.5	KML	Kamishly	SYR	ms	2111
316.0	IN	Sonderborg	DNK	ms	0200
319.0	ECV	Colmenar Viejo	ESP	ms	0200
322.0	RP	Dashoguz	TKM	ms	2200
328.0	PHA	Pafos	CYP	ms	1855
339.0	V	Kokkola / Kruunupyy	FIN	ms	0200
360.0	HT	Horta / Faial Island	AZR	ms	0200
390.0	KNY	Konya	TUR	ms	2200
394.0	BCE	BP / Bruce Alpha	XOE	ms	0200
405.0	BRN	Birjand	IRN	ms	2111
445.0	TU	Tuzla	BIH	ms	1643
450.0	PDV	Plovdiv	BUL	ms	1634
477.0	RP	Malacky - Kuchyna	SVK	ms	1635
485.0	IA	Indija	SRB	ms	1737
521.0	BSW	Bucuresti / Baneasa	ROU	ms	1637
524.0	UU	Vitebsk / Vostochny	BLR	ms	1557
690.0	SR	Seredne	UKR	ms	1802
752.0	BB	Beryozovo	RSE	ms	1952
326.0	C	Debrecen	HNG	my	1657
327.0	NC8	Hamada NC-8	LBY	my	2045
340.0	HEI	Heidrun	XOE	my	1903
343.0	GRA	Grazzanise (CE)	ITA	my	1729
344.0	VAR	Varazdin	HRV	my	1756
345.0	NB	Malbork	POL	my	1802
348.0	WA	Stockholm / Arlanda	SWE	my	1807
350.0	DWN	Devnya For Varna	BUL	my	1819
359.0	RK	Cerklje	SVN	my	1822
360.0	LA	Kraljevo	SRB	my	1636
363.0	PI	Poitiers / Biard	FRA	my	2015

366.0	UTH	Orland / Uthaug	NOR	<b>my</b>	2017
378.0	WSN	Weser	DEU	<b>my</b>	1742
394.0	IZA	Ibiza	BAL	<b>my</b>	2102
414.0	BRI	Bristol / Filton	ENG	<b>my</b>	2118
480.0	CLD	Aydin / Cildir	TUR	<b>my</b>	2045
510.0	CR	Cheboksary	RUS	<b>my</b>	2104
571.0	P	Presov / Kapusany	SVK	<b>my</b>	2131
300.0	CEU	Ceuta	CEU	<b>nw</b>	0500
314.0	OZ	Brussels National	BEL	<b>nw</b>	1200
332.0	SBI	Rabat / Sale	MRC	<b>nw</b>	2300
340.0	GJ	Gjogur	ISL	<b>nw</b>	0100
351.0	OSA	Ouessant	FRA	<b>nw</b>	1200
351.0	PD	Ponta Delgada	AZR	<b>nw</b>	2300
357.0	KD	Kolding / Vamdrup	DNK	<b>nw</b>	1200
378.0	KLY	Killiney for Dublin	IRL	<b>nw</b>	1200
380.0	VNV	Vilanova i la Geltru	ESP	<b>nw</b>	1630
386.0	LNE	Milano / Linate (MI)	ITA	<b>nw</b>	1630
390.0	RS	Risalpur	PAK	<b>nw</b>	1700
400.0	BRZ	Rijeka / Krk / Breza	HRV	<b>nw</b>	1630
406.5	BOT	Bottrop	DEU	<b>nw</b>	1200
426.0	GBG	Gleichenberg for Graz	AUT	<b>nw</b>	1630
430.0	LU	Batumi	GEO	<b>nw</b>	1630
433.5	HEN	Henton	ENG	<b>nw</b>	1200
450.0	PAD	Parsabade / Moghan	IRN	<b>nw</b>	1630
455.0	UH	Chuguyev	UKR	<b>nw</b>	1630
468.0	VTN	Kraljevo / Vitanovac	SRB	<b>nw</b>	1630
475.0	JR	Beijing / Liangxiang	CHN	<b>nw</b>	1630
488.0	NPR	Tomaszow-Mazowiecki / Porter	POL	<b>nw</b>	1630
620.0	N	Pskov	RUS	<b>nw</b>	1630
670.0	MZ	Chelyabinsk / Shagol	RSE	<b>nw</b>	1630
260.0	RAF	Rafsanjan	IRN	<b>px</b>	2004
290.0	ONL	Liege / Bierset	BEL	<b>px</b>	1910
317.0	VS	Valenciennes / Denain	FRA	<b>px</b>	1856
331.0	GLW	Glasgow	SCT	<b>px</b>	1949
334.0	GMN	Gormanston	IRL	<b>px</b>	1952
376.5	ORI	Orio al Serio (BG)	ITA	<b>px</b>	2120
404.0	LRD	Lerida	ESP	<b>px</b>	2204
470.0	UZ	Uzice / Ponikve	SRB	<b>px</b>	2039
514.5	LA	Namest Nad Oslavou	CZE	<b>px</b>	2114
745.0	BG	Karmanovo	RUS	<b>px</b>	2053
340.0	ZJT	Stephenville	NL	CAN	<b>rb</b> 0157
407.0	ZHU	Hauts-Bois / St Hubert (Montreal)	QC	CAN	<b>rb</b> 0017
325.0	RH	Reykholt	ISL	<b>rb</b>	2219

345.0	TAZ	Tivat		MNE	<b>rb</b>	2224
347.0	NQY	Newquay		ENG	<b>rb</b>	2127
358.0	LT	Le Touquet / Paris-Plage		FRA	<b>rb</b>	0010
361.0	CFN	Donegal / Carrickfin		IRL	<b>rb</b>	2255
370.0	OTL	Bucuresti / Otopeni		ROU	<b>rb</b>	2315
374.0	FS	Dresden		DEU	<b>rb</b>	0055
380.0	TOL	Ivalo / Tolo		FIN	<b>rb</b>	2251
382.0	SF	Sondrostrom / Kangerlussuaq		GRL	<b>rb</b>	2304
386.5	SLV	Spa / La Sauveniere		BEL	<b>rb</b>	0155
396.0	FS	Harstad / Narvik / Evenes / Fjellstad		NOR	<b>rb</b>	2225
397.0	CV	Dubrovnik / Cavtat		HRV	<b>rb</b>	2217
433.0	CRD	Cardak / Denizli		TUR	<b>rb</b>	2234
489.0	NC	Kemerovo		RSE	<b>rb</b>	1834
544.0	LF8S	Eldfisk 2/7 S		XOE	<b>rb</b>	1340
635.0	LV	Izhevsk		RUS	<b>rb</b>	2251
690.0	DM	Dmytrivka		UKR	<b>rb</b>	2307
1290.0	TU	Bely		RUS	<b>re</b>	2047
321.0	ABY	Albert / Bray		FRA	<b>re</b>	1852
329.0	VX	Vaxjo / Kronoberg		SWE	<b>re</b>	1902
338.0	FNY	Robin Hood / Doncaster / Finningley		ENG	<b>re</b>	1603
365.0	VR	Gran Canaria / Las Palmas		CNR	<b>re</b>	2117
422.0	O	Szolnok / Opera		HNG	<b>re</b>	2121
429.0	LOS	Losinj		HRV	<b>re</b>	2024
432.0	HMB	Hammam Bou Hadjar for Oran		ALG	<b>re</b>	0052
432.0	PK	Pardubice / Prvek		CZE	<b>re</b>	2029
435.0	BR	Brdjani		SRB	<b>re</b>	2218
438.0	PE	Poprad / Tatry East		SVK	<b>re</b>	2033
516.0	YWA	Petawawa	ON	CAN	<b>yk</b>	0102
290.0	XZ	Tyumen / Roshchino		RSE	<b>yk</b>	0000
309.0	LG	Satenas / Tune		SWE	<b>yk</b>	0000
316.0	TNJ	Tounj		HRV	<b>yk</b>	0000
317.5	TRP	Marsala (TP)		SCY	<b>yk</b>	0000
330.0	HN	Hornafjordur		ISL	<b>yk</b>	0000
332.0	LL	Lille / Lesquin		FRA	<b>yk</b>	1253
346.0	AU	Stauning		DNK	<b>yk</b>	1253
357.0	RJ	Tripoli / Mitiga		LBY	<b>yk</b>	0000
379.0	PIS	Pisa (PI)		ITA	<b>yk</b>	0000
382.0	IJ	Ilmajoki		FIN	<b>yk</b>	0000
385.0	MSD	Mashhad		IRN	<b>yk</b>	0000
387.0	MT	Multan		PAK	<b>yk</b>	0000
390.0	VAL	Valjevo		SRB	<b>yk</b>	0000
421.0	GE	Madrid / Grinon		ESP	<b>yk</b>	0358
670.0	PB	Vologda-Kipelovo		RUS	<b>yk</b>	1723

315.5	SS	Scatsta	SHE	ze	2005
330.0	ML	Kraljevo	SRB	ze	2219
335.0	DR	Dnipropetrovsk	UKR	ze	0015
340.0	LSH	Lashenden / Headcorn	ENG	ze	2105
340.0	XO	Petrozavodsk / Besovets	RUS	ze	2103
355.0	MI	Maribor	SVN	ze	2003
364.0	PU	Pau / Pyrenees	FRA	ze	2116
371.0	LEV	Savigliano / Levaldigi (CN)	ITA	ze	2032
383.0	EN	Debrecen	HNG	ze	2336
394.0	DND	Dundee	SCT	ze	2237
399.0	KMN	Burgas / Kamenar	BUL	ze	1811
401.0	RBU	Roros / Rambu	NOR	ze	2157
410.0	SI	Salzburg	AUT	ze	2108
416.0	KUN	Kunovice	CZE	ze	2325
418.0	DVN	Split / Drvenik	HRV	ze	2054
419.0	RD	Vasteras / Hasslo	SWE	ze	2124
425.0	KE	Kosice	SVK	ze	2018
433.0	VNS	Castor UGS	XOE	ze	2130
474.5	SA	Darlowo	POL	ze	1751
485.0	PZ	Nadym	RSE	ze	1759
489.0	OI	Donskoye	KAL	ze	1805
489.0	SIL	Siegen / Siegerland	DEU	ze	1759

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

(This was the first time we have had a 'One NDB per Radio Country' CLE, so there are no THEN results to compare with)

Listener	Av km		Total km x 1000	Total km x 1000	NDBs		Max km	Max km
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
CZE ik		789		21		27		1849
CZE ms		1934		139		72		8009
CZE my		1223		59		48		3687
CZE ze		1376		72		52		3791
DEU hw		2944		256		87	p	10192
ENG bk		1653		89		54		6761
ENG nw		2264		168		74	p	9787
ENG px		1847		78		42		6728
ENG re		1553		68		44		6728
ENG yk		2229		158		71	p	6757



<b>HOL rb</b>	2218	160	72	p	7289
<b>SCT ds</b>	1735	94	54		6536
<b>SWE bb</b>	2302	120	52	p	4801
<b>Averages:</b>	<b>1851</b>	<b>114</b>	<b>58</b>		<b>6378</b>

Av. km = Average distance from listener to NDB for all their loggings  
Total km = Sum of distances from listener to NDBs for all their loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance from listener to an NDB logged  
('p' indicates that Pskov was probably used)

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.